



I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: Mar 6, 2007 Signature: Laura McGinn
(Laura McGinn)

Docket No.: 0109878.00141US1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Adam J. Ferrari et al. Confirmation No.: 5569
Application No.: 10/813,871 Art Unit: 2163
Filed: March 31, 2004 Examiner: H. T. Vy
Title: INTEGRATED APPLICATION FOR MANIPULATING CONTENT IN
A HIERARCHICAL DATA-DRIVEN SEARCH AND NAVIGATION
SYSTEM

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

Dear Sir:

This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits and before the mailing date of a final Office Action or a Notice of Allowance.


Please charge the \$180.00 fee to our Deposit Account No. 08-0219.

03/09/2007 CNGUYEN2 00000001 080219 10813871
01 FC:1806 180.00 DA

Applicants request that the Examiner initial and return a copy of the enclosed Form PTO SB-08 with the next communication.

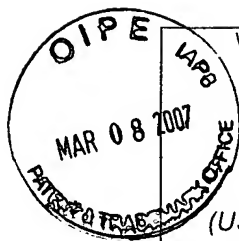
Respectfully submitted,

Dated: *March 4, 2007*



Ayla A. Lari
Registration No.: 43,739
Attorney for Applicant(s)

Wilmer Cutler Pickering Hale and Dorr LLP
60 State Street
Boston, Massachusetts 02109
(617) 526-6000 (telephone)
(617) 526-5000 (facsimile)



| | | | | | |
|--|---|----|---|-------------------------------|----------------------------------|
| WILMER CUTLER PICKERING HALE AND DORR LLP SUBT. FORM PTO-1449 | | | | DOCKET NUMBER 109878.141 | APPLICATION NUMBER 10/813,871 |
| INFORMATION DISCLOSURE IN AN APPLICATION (USE SEVERAL SHEETS IF NECESSARY) | | | | APPLICANT Ferrari et al. | |
| | | | | FILING DATE March 31, 2004 | GROUP ART UNIT 2171 |
| SHEET | 1 | OF | 1 | | |

| U.S. Patent Documents | | | | | | |
|-----------------------|-----------------|------------|-----------------|-------|----------|----------------------------|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | 6,360,227 B1 | 03/19/2002 | Aggarwal et al. | 707 | 102 | 01/29/1999 |
| | 6,571,282 B1 | 05/27/2003 | Bowman-Amuah | 709 | 219 | 08/31/1999 |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| Foreign Patent Documents | | | | | | | |
|--------------------------|-----------------|------|---------|-------|----------|-------------|----|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | YES | NO |
| | | | | | | | |
| | | | | | | | |

| Other Documents (Including Author, Title, Date Pertinent Pages, Etc.) | | |
|---|--|--|
| | | |

| | |
|--|-----------------|
| EXAMINER | DATE CONSIDERED |
| EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609: Draw Line through citation if not conformance and not considered. Include copy with next communication to applicant. | |



PTO/SB/08A/B (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|---|----|--------------------------|------------------------|------------------|
| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | Complete if Known | | |
| | | | Application Number | 10/813,871-Conf. #5569 | |
| | | | Filing Date | March 31, 2004 | |
| | | | First Named Inventor | Adam J. Ferrari | |
| | | | Art Unit | 2163 | |
| | | | Examiner Name | H. T. Vy | |
| Sheet | 1 | of | 3 | Attorney Docket Number | 0109878.00141US1 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| | AA* | US-2002/0051020-A1 | 05-02-2002 | Ferrari et al. | |
| | AB* | US-2002/0099675-A1 | 07-25-2002 | Agrafiotis et al. | |
| | AC* | US-2003/0110181-A1 | 06-12-2003 | SCHUETZE et al. | |
| | AD* | US-2004/0205448-A1 | 10-14-2004 | Grefenstette et al. | |
| | AE* | US-2005/0022114-A1 | 01-27-2005 | Shanahan et al. | |
| | AF* | US-2005/0097088-A1 | 05-05-2005 | Bennett et al. | |
| | AG* | US-5,671,404 | 09-23-1997 | Lizee et al. | |
| | AH* | US-5,724,571 | 03-03-1998 | Woods | |
| | AI* | US-6,345,273 | 02-05-2002 | Cochran | |
| | AJ* | US-6,360,277 | 03-19-2002 | Ruckley et al. | |
| | AK* | US-6,363,377 | 03-26-2002 | Kravets et al. | |
| | AL* | US-6,385,602-B1 | 05-07-2002 | Tso et al. | |
| | AM* | US-6,424,983 | 07-23-2002 | Schabes et al. | |
| | AN* | US-7,093,200-A1 | 08-15-2006 | Schreiber et al. | |
| | AO* | US-7,099,885-A1 | 08-29-2006 | Hellman et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | | | | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|--------------------------|--|----------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | CA | AGOSTI, M., et al. "Issues of Data Modelling in Information Retrieval" Electronic Publishing, (1991), Vol. 4(4) pp. 219-237 | |
| | CB | ALLEN, R.B., "Retrieval From Facet Spaces" Electronic Publishing (1995), Vol. 8(2&3), pp. 247-257 | |
| | CC | ALLEN, R.B., "Two Digital Library Interfaces That Exploit Hierarchical Structure" Electronic Publishing (1995) 8 pages | |
| | CD | CAREY, M. et al., "Info Navigator: A Visualization Tool for Document Searching and Browsing", Proceedings International Conference Distributed Multimedia Systems, pp. 23-28, (DMS Sep 2003), 2003 | |
| | CE | CILIBRASI, R. et al., "Automatic Meaning Discovery Using Google", 31 Pages, www.bsik-bricks.nl/events/ab/google_abstract.shtml , www.arxiv.org/abs/cs.CL0412098 , (2004) | |
| | CF | ELLIS, GP et al., "HIBROWSE for Hotels: bridging the gap between user and system views of | |

| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

| | | | | | |
|--|---|----|--------------------------|------------------------|------------------|
| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | Complete if Known | | |
| | | | Application Number | 10/813,871-Conf. #5569 | |
| | | | Filing Date | March 31, 2004 | |
| | | | First Named Inventor | Adam J. Ferrari | |
| | | | Art Unit | 2163 | |
| | | | Examiner Name | H. T. Vy | |
| Sheet | 2 | of | 3 | Attorney Docket Number | 0109878.00141US1 |

| | | | |
|----|---|---|--|
| | | a database", extracts from a paper giving an overview of the HIBROWSE for Hotels application, http://web.archive.org/web/19991109234626/http://.hud.ac.uk/schoo... 4 pages | |
| CG | HEARST, M. et al., "Integrating Browsing & Search Relevance Feedback", SIMS 202, UC Berkeley SIMS, Fall 1999, 2 pages | | |
| CH | HEARST, M. et al., "Using MetaData in Search: Combining Browsing and Search", 39 slides, http://www2.sims.berkeley.edu/courses/is202/f98/Lecture27/sld001.htm | | |
| CI | HEARST, M., "Chapter 10: User Interfaces and Visualization", Modern Information Retrieval, Yates and Ribeiro-Neto, (1999), pp. 257-340 | | |
| CJ | HEARST, M., et al. "Cat-a Cone: An Interactive Interface for Specifying Searches and Viewing Retrieval Results Using A Large Category Hierarchy" Ann. Int. ACM-SIGIR Conf. On Res. And Dev. In Information Retrieval, (1997) pp. 246-255 | | |
| CK | HILLSTON, J. et al., "Management by Exception: an expert system approach", Expert Systems for Information Management, Vol. 3, No. 1, pp. 1-69, 1990 | | |
| CL | http://www.searchtools.com/tools/endeca.html , Search Tools Product Report, "Endeca Faceted Metadata Search and Browse", 2 pages, updated 10 July 1993 | | |
| CM | MILLS, J., "The Problem of arrangement in a library", A Modern Outline of Library Classification 1960, 5 pages | | |
| CN | POLLITT, A. S. et al., "View-based searching systems - a new paradigm for information retrieval based on faceted classification and indexing using mutually constraining knowledge-based views", The Interface Design, 6 pages | | |
| CO | POLLITT, A. S., "MenUse for Medicine: End-User Browsing and Searching of MEDLINE via the MeSH Thesaurus", Int. Forum Inf. and Docum., Vol. 13, No. 4, pp. 11-17, October 1998 | | |
| CP | POLLITT, A. Steven, "Faceted-Classification as Pre-Coordinated Subject Indexing: Multi-Dimensional Searching for OPAC Users", Oslo College, 6-7 May 1998 | | |
| CQ | POLLITT, A.S. et al., (1993) Multilingual access to document databases CAIS/ACSI '93 Information as a Global Commodity - Communication, Processing and Use. Proceedings of the 21st Annual Conference of the Canadian Association for Information Science, pp. 128-140 Antigonish, Nova Scotia, Canada, CAIS, July 1993 | | |
| CR | POLLITT, A.S., "A rule-based system as an intermediary for searching cancer therapy literature on MEDLINE", Intelligent Information Systems: Progress and Prospects, pp. 82-126, 1986 | | |
| CS | POLLITT, A.S., "An Expert Systems Approach to Document Retrieval, A thesis submitted to the Council for National Academic Awards in partial fulfilment of the requirements for the degree Doctor of Philosophy", May 1986 | | |
| CT | POLLITT, A.S., "Expert Systems and the Information Intermediary: Tackling Some of the Problems of Naive End-User Search Specification and Formulation", Intelligent Information Systems for the Information Society, pp. 100-108, 1986 | | |
| CU | POLLITT, A.S., "Information Storage and Retrieval Systems, Origin, Development and Applications, Ellis Horwood Books in Information Technology, 1989 | | |
| CV | POLLITT, A.S., "MenUSE for Medicine: End-User Browsing and Searching of MEDLINE via the MeSH Thesaurus", pp. 547-573, 1988 | | |
| CW | POLLITT, A.S., "Reducing complexity by rejecting the consultation model as a basis for the design of expert systems", Expert Systems, Vol. 3, No. 4, pp. 234-238, October 1986 | | |
| CX | POLLITT, A.S., "Taking a different view", British Library research, Library Technology, Vol. 1, No. 1, 1996 | | |
| CY | POLLITT, A.S., "The key role of classification and indexing in view-based searching", Centre for Database Access Research, University of Huddersfield, UK, Abstract, 8 pages | | |
| CZ | POLLITT, et al. "HIBROWSE For Bibliographic Databases" Journal of Information Science. | | |

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|---|----|---|--------------------------|------------------------|
| Substitute for form 1449/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Application Number | 10/813,871-Conf. #5569 |
| | | | | Filing Date | March 31, 2004 |
| | | | | First Named Inventor | Adam J. Ferrari |
| | | | | Art Unit | 2163 |
| | | | | Examiner Name | H. T. Vy |
| Sheet | 3 | of | 3 | Attorney Docket Number | 0109878.00141US1 |

| | | | |
|--|-----|--|--|
| | | (1994), Vol. 20 (6), pp. 413-426 | |
| | CA1 | POLLITT, Example from EMBASE entitled "Screen Shots from View-based searching with HIBROWSE", (1998) | |
| | CB1 | POLLITT, excerpt from "Prospects for using Dewey Classification in a View-based Searching OPAC Dewey Decimel Classification: Possibilities in View-based Searching OPAC", (1998) | |
| | CC1 | POLLITT, S., "CanSearch: An Expert Systems Approach to Document Retrieval", Information Processing & Management, Vol. 23, No. 2, pp. 119-138, 1987 | |
| | CD1 | POLLITT, S., Screenshots from "View-based searching with HIBROWSE", http://www.jbi.hio.no/bibin/kurs/korg98/oslo2.ppt , 10 pages | |
| | CE1 | PRISS, U. et al., "Utilizing Faceted Structures for Information Systems Design", School of Library and Information Science, Indiana University Bloomington, pp. 1-12 | |
| | CF1 | SHAMOS et al., "Closest-point problems", Proceedings of the 16th Annual Symposium on Foundations of Computer Science, IEEE (1975) | |
| | CG1 | TREGLOWN, M. et al., "HIBROWSE for Bibliographic Databases: A study of the application of usability techniques in view-based searching", British Library Research and Innovation Report 52, The University of Huddersfield, April 1997 | |
| | CH1 | Yahoo!, Copyright 1999 Yahoo! Inc., http://web.archive.org/web/19991116151216/http://www4.yahoo.com/ . | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|